

SGCN and Stressors Associated with Habitats

Macrogroup: Emergent Marsh

Habitat Systems within Macrogroup:

MacrogroupName Emergent Marsh

Emergent Marsh Macrogroup - Unknown Habitat System (i.e. Macrogroup)

Laurentian-Acadian Freshwater Marsh

Description: Freshwater marshes in more-or-less permanent water with non-persistent vegetation.

SGCN Associated With This Habitat

Total SGCN: 1: 7 2: 18 3: 26

Class	<i>Amphibia</i> (Amphibians)	SGCN Category
Species	<i>Ambystoma laterale</i> (Blue-spotted Salamander)	2
Species	<i>Lithobates septentrionalis</i> (Mink Frog)	3
Species	<i>Lithobates pipiens</i> (Northern Leopard Frog)	2
Class	<i>Aves</i> (Birds)	SGCN Category
Species	<i>Botaurus lentiginosus</i> (American Bittern)	3
Species	<i>Fulica americana</i> (American Coot)	3
Species	<i>Riparia riparia</i> (Bank Swallow)	1
Species	<i>Hirundo rustica</i> (Barn Swallow)	2
Species	<i>Chlidonias niger</i> (Black Tern)	2
Species	<i>Nycticorax nycticorax</i> (Black-crowned Night-heron)	2
Species	<i>Buteo platypterus</i> (Broad-winged Hawk)	3
Species	<i>Chaetura pelagica</i> (Chimney Swift)	2
Species	<i>Petrochelidon pyrrhonota</i> (Cliff Swallow)	3
Species	<i>Gallinula galeata</i> (Common Gallinule)	2
Species	<i>Gavia immer</i> (Common Loon)	3
Species	<i>Ardea herodias</i> (Great Blue Heron)	2
Species	<i>Tringa melanoleuca</i> (Greater Yellowlegs)	3
Species	<i>Ixobrychus exilis</i> (Least Bittern)	1
Species	<i>Calidris minutilla</i> (Least Sandpiper)	3
Species	<i>Tringa flavipes</i> (Lesser Yellowlegs)	1
Species	<i>Egretta caerulea</i> (Little Blue Heron)	3
Species	<i>Stelgidopteryx serripennis</i> (Northern Rough-winged Swallow)	3
Species	<i>Podilymbus podiceps</i> (Pied-billed Grebe)	3
Species	<i>Progne subis</i> (Purple Martin)	2
Species	<i>Cistothorus platensis</i> (Sedge Wren)	1
Species	<i>Limnodromus griseus</i> (Short-billed Dowitcher)	3
Species	<i>Asio flammeus</i> (Short-eared Owl)	2
Species	<i>Egretta thula</i> (Snowy Egret)	3
Species	<i>Tringa solitaria</i> (Solitary Sandpiper)	2
Species	<i>Porzana carolina</i> (Sora)	3
Species	<i>Tachycineta bicolor</i> (Tree Swallow)	2
Species	<i>Coturnicops noveboracensis</i> (Yellow Rail)	2
Class	<i>Insecta</i> (Insects)	SGCN Category
Species	<i>Hydroptila tomah</i> (A Caddisfly)	3
Species	<i>Parameletus midas</i> (A Mayfly)	3
Species	<i>Satyroides appalachia</i> (Appalachian Brown)	3
Species	<i>Bombus griseocollis</i> (Brown-belted Bumble Bee)	3

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Species	<i>Lycaena dorcas claytoni</i> (Clayton's Copper)	2
Species	<i>Nannothemis bella</i> (Elfin Skimmer)	3
Species	<i>Arigomphus furcifer</i> (Lilypad Clubtail)	3
Species	<i>Libellula needhami</i> (Needhams Skimmer)	3
Species	<i>Enallagma laterale</i> (New England Bluet)	2
Species	<i>Libellula semifasciata</i> (Painted Skimmer)	3
Species	<i>Ischnura ramburii</i> (Rambur's Forktail)	3
Species	<i>Somatochlora albicincta</i> (Ringed Emerald)	3
Species	<i>Enallagma pictum</i> (Scarlet Bluet)	2
Species	<i>Aeshna juncea</i> (Sedge Darner)	2
Species	<i>Rhionaeschna mutata</i> (Spatterdock Darner)	3
Species	<i>Siphonisca aerodromia</i> (Tomah Mayfly)	1
Species	<i>Bombus terricola</i> (Yellowbanded Bumble Bee)	3
Class	Reptilia (Reptiles)	SGCN Category
Species	<i>Emydoidea blandingii</i> (Blanding's Turtle)	1
Species	<i>Thamnophis sauritus</i> (Eastern Ribbon Snake)	2
Species	<i>Clemmys guttata</i> (Spotted Turtle)	1

Endangered (E) and Threatened (T) Plant Species Associated With This Habitat

Class	Dicots <i>Dicotyledoneae</i>	State Status
Species	Narrow-leaved Goldenrod <i>Euthamia tenuifolia</i> var. <i>tenuifolia</i>	T
Class	Quillworts And Spike-mosses <i>Isoetopsida</i>	State Status
Species	Creeping Spike-moss <i>Selaginella apoda</i>	E
Class	Monocots <i>Monocotyledoneae</i>	State Status
Species	Awed Sedge <i>Carex atherodes</i>	E
Species	Dwarf Bulrush <i>Lipocarpha micrantha</i>	T
Species	Fall Fimbry <i>Fimbristylis autumnalis</i>	T
Species	Long's Bulrush <i>Scirpus longii</i>	T
Species	Long-tubercled Spike-rush <i>Eleocharis tuberculosa</i>	E
Species	Pendulous Bulrush <i>Scirpus pendulus</i>	T
Species	Sharp-scaled Manna-grass <i>Glyceria acutiflora</i>	E
Species	Tall Beak-rush <i>Rhynchospora macrostachya</i>	E

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Stressors Associated With This Macrogroup

IUCN Level 2 Threat Name: Agricultural and Forestry Effluents

Notes: Some marshes lack buffers from adjacent farmlands

IUCN Level 2 Threat Name: Annual and Perennial Non-timber crops

Notes: Some marshes lack buffers from adjacent farmlands

IUCN Level 2 Threat Name: Commercial and Industrial Areas

Notes: Most future impacts associated with secondary effects including runoff, landscape context etc.

IUCN Level 2 Threat Name: Domestic and Urban Waste Water

Notes: Runoff from adjacent development may add excess nutrients, sediment, heavy metals, etc.

IUCN Level 2 Threat Name: Housing and Urban Areas

Notes: Most future impacts associated with secondary effects including runoff, landscape context etc.

IUCN Level 2 Threat Name: Invasive Non-native-Alien Species-Diseases

Notes: Purple loosestrife, others. Problem is larger in southern Maine

IUCN Level 2 Threat Name: Livestock Farming and Ranching

Notes: Some marshes lack buffers from adjacent farmlands

IUCN Level 2 Threat Name: Roads and Railroads

Notes: Roads both within and adjacent could cause impacts

IUCN Level 2 Threat Name: Roads and Railroads

Notes: Roads have direct (habitat loss, road kill) and indirect (run off, barriers to migration) impacts to marsh habitat

IUCN Level 2 Threat Name: Utility and Service Lines

Notes: Powerlines, pipelines etc.

Habitat Conservation Actions:

Relevant conservation actions for this habitat are assigned within broader habitat groupings in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

Species Conservation Actions:

Conservation actions that may benefit species associated with this habitat can be found in Maine's 2015 Wildlife Action Plan: Element 1, Table 1-3. Click on the species of interest to launch a species based report summarizing relevant conservation actions and associated habitats.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.